MSD

July 24, 2000

Mr. Femi Akindele
Residual Project Manager
Kentucky/Tennessee Section
U.S. Environmental Protection Agency
Region IV
61 Forsyth Street
Atlanta, GA 30303

Re: Report of Field Observation – FY00 - Fourth Quarter (FY00-4Q)
Lees Lane Superfund Site, Jefferson County, Kentucky,
Administrative Order on Consent, USEPA Docket No-91-32-C

Dear Mr. Akindele

In accordance with paragraph 11, under Reporting Requirements, of the subject Consent Order and Attachment 1, Operation and Maintenance Plan For Post-Removal Site Control at the Lees Lane Landfill Site. I am enclosing one (1) copy of the Report of Field Observation (Appendix J), identified as Observation Report No FY00-4Q, for your information and files.

Please advise if you have any questions concerning the attached Report of Field Observation for FY00-4Q.

Sincerely,

Richard H. Watkins, Sr.
Special Assistant to Director of Maintenance
RHW/rw
Lees-00-4Q

Enc.

cc: Kentucky National Resource Environment Protection Cabinet
Mr. Rick Hogan, Division of Waste Management
G. R. Garner, Executive Director
D. B. Johnson, Director of Maintenance
Lees Lane File

Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street Louisville, Kentucky 40203-1911 502-540-6000 www.msdlouky.org

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No.: FY00-4thQ **Date of Observation: 06/29/00**

Instruction: If any item is checked yes, provide details of the problem and maintenance recommendations below and indicate the location of deficiency on the site map provided.

Comment No.:	Comment
A-4	Observed small rutting on the gravel road leading to gas collection Well No. 5. Small depressed area of access road between benchmark 3 and 4 near the northern portion of the site.
B-2	Putnam Avenue barricade remains unchanged from previous quarterly institutional inspections. Landfill site and flood protection levee areas intrusion by ATV's from wooded areas adjacent to the Putnam Avenue barricade has decreased, but is still noticeable. The landfill site and flood protection levee continues to receive surveillance by the Jefferson County Police. Vegetation along the access road to the Putnam Avenue barricade has been cut back.
C-1	Observed no evidence of small arms fire damage to the Blower House from previous quarterly institutional inspection.

Comment No.	Corrective Action Performed
A-4	Grading of gravel on the access road leading to Well No. 5 to fill rutted areas by the end FY01-1Q. Consider placement of earthen backfill in depressed area of access road; provide surface layer of 610 stone and dense grade aggregate for a driving surface.
B-2	Schedule painting of Street side of barricade and continue to observe condition of the Putnam Avenue barricade during future quarterly institutional inspections. Installation of "No Trespass – Keep Out" signs at strategic locations along the access roads and Mill Creek cut-off channel areas in continued effort to discourage ATV intrusions and trespass into the landfill and levee area sites.
C-1	No corrective action required at this time.

Comment No.:	Comment
C-7	Observed moisture trap No. 19, concrete collar has settled and need to be reset.
C-8	Observed covers missing for moisture traps 25 and 26
D-2	Observed two guardrails had been damaged at Gas Monitoring Well No. G-3.
D-4	Observed that the tilted condition of the concrete pad for Gas Monitoring Well No. G-2 remains in the same position as noted in previous institutional inspections.
E-7	observed vegetative growth has re-established in the riprap areas adjacent to the clay cap and riprap drainage channels.
E-8	Observed small amount of trash and debris build-up on the riprap area from prior observations. Trespassers continue to utilize the debris as fuel for small bonfires, thereby eliminating the necessity to remove the debris from the riprap area.
F-5	Observed standing water at the upstream inlet of culvert pipe crossing under the asphalt access road. Condition of shale drainage swale appears to be satisfactory, evidence of siltation at the outlet of culvert pipe.

Comment No.	Corrective Action Performed
C-7	Schedule resetting of disturbed concrete collar for moisture trap No.19 prior to FY01-2Q institutional inspection.
C-8	Obtain replacement covers and install on moisture traps prior to end of FY01-1Q.
D-2	Schedule repair, welding and painting of guardrails around Gas Monitoring Well No. G-3 prior to end of FY01-1Q.
D-4	Schedule resetting or replacement of the concrete pad for Gas Monitoring Well No. G-2 prior to end of FY01-2Q.
E-7	Schedule independent contractor to spray riprap area adjacent to the clay cap during FY01-1Q in order to control re-growth of vegetation.
E-8	No further action required at this time.
F-5	Continue to monitor shale drainage swale at quarterly institutional inspections. Consider limited regrading of shale drainage swale to reduce siltation create positive drainage of culvert pipe crossing under asphalt access road.

4thQ

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL SITE, LOUISVILLE, KENTUCKY

Observation Report No: FY00-40 Date of Observation: 06/29/00

Time Arrived Onsite: 08:50AM Time Departed Site: 11:25AM

Field Personnel: RICHARD H. WATKINS, SPECIAL ASSISTANT TO DIRECTOR,

BRAD WALKER, MAINTENANCE SUPPORT MANAGER, KEVIN BRIGHT, MAINTENANCE SUPPORT SUPERVISOR

Section A: General Site Conditions

Observation:	Yes*	No	Not Observed	Comment No.
1. Major settlement of topsoil or erosion exposing waste/ fill material	—	XX	—	
2. Evidence of leachate seepage	—	XX	—	
3. Distressed Vegetation	—	XX	—	
4. Pot holes, erosion of access road	XX	—	—	A-4

Section B: Institutional Controls

Observation:	Yes*	No	Not Observed	Comment No.
1. Structural problem with Lee's Lane gate or barricade	—	XX	—	
2. Structural problem with Putman Ave. barricade	—	XX	—	B-2
3. Lee's Lane gate unlocked	—	—	—	
4. Broken or missing lock	—	—	—	

Section C: Gas Collection System

Observation:	Yes*	No	Not Observed	Comment No.
1. Vandalism to blower house, wells, or moisture traps	—	XX	—	C-1
2. Structural damage to blower house	—	XX	—	
3. Blower not operating or visible damage	—	XX	—	
4. Blower house not secure and unclean	—	XX	—	

Observation:	Yes*	No	Not Observed	Comment No.
5. Service box lids not in place	—	—	XX	———
6. Alarm and blower controls not functioning	—	—	XX	———
7. Settlement or tilting of well/moisture trap concrete collars	XX	—	—	C-7
8. Well/moisture trap covers missing or damaged	XX	—	—	C-8
9. Excessive vegetation covering wells/mositure traps	—	XX	—	———
10. Adjustment valve inaccessible	—	XX	—	———
11. Well/moisture trap caps, plugs, and piping missing or damaged	—	XX	—	———
12. Blower house and well/ moisture trap signs missing or damaged	—	XX	—	———

Section D: Groundwater & Gas Monitor Wells

Observation:	Yes*	No	Not Observed	Comment No.
1. Wells unlocked	—	XX	—	———
2. Guard posts and rails missing or damaged	XX	—	—	D-2
3. Protective casing missing, damaged or rusted	—	XX	—	———
4. Concrete pads damaged or cracked	XX	—	—	———
5. Possible surface water infiltration into wells	—	—	XX	———
6. Excessive vegetation or debris around wells	—	XX	—	———
7. Well cap missing or damaged	—	XX	XX	———
8. Tubing, fittings, and valves missing or damaged (gas wells only)	—	—	XX	———

Section E: Bank Protection Controls

Observation:	Yes*	No	Not Observed	Comment No.
1. Subsidence of slope, sloughing or caving	—	XX	—	
2. Erosion of rip-rap or underlying material	—	XX	—	
3. Abnormally damp areas, wet ground vegetation	—	XX	—	
4. Soft spots in surface	—	XX	—	
5. Seepage, water flow, piping, or sand boils	—	XX	—	
6. Undermining of rip-rap	—	XX	—	
7. Vegetative growth on rip-rap slope	XX	—	—	C-7
8. Buildup of trash and debris on rip-rap	XX	—	—	C-8
9. Exposed trash or filter fabric	—	XX	—	
10. Tilting trees	—	XX	—	
11. Tension cracks	—	XX	—	
12. Survey monuments missing or damaged	—	XX	—	

Section F: Surface Waste Cleanup/Cover

Observation:	Yes*	No	Not Observed	Comment No.
1. Swales greater than 1 foot wide and 2 inches deep	—	XX	—	
2. Cracks greater than 1 inch wide and 6 inches deep	—	XX	—	
3. Areas of erosional damage to grass	—	XX	—	
4. Inadequate grass cover (area > 36 ft^2	—	XX	—	
5. Ponded water (area larger than 2 feet in diameter and 3 inches deep)	XX	—	—	F-5
6. Erosion or ponded water greater than 12 inches deep (requires immediate repair)	—	XX	—	

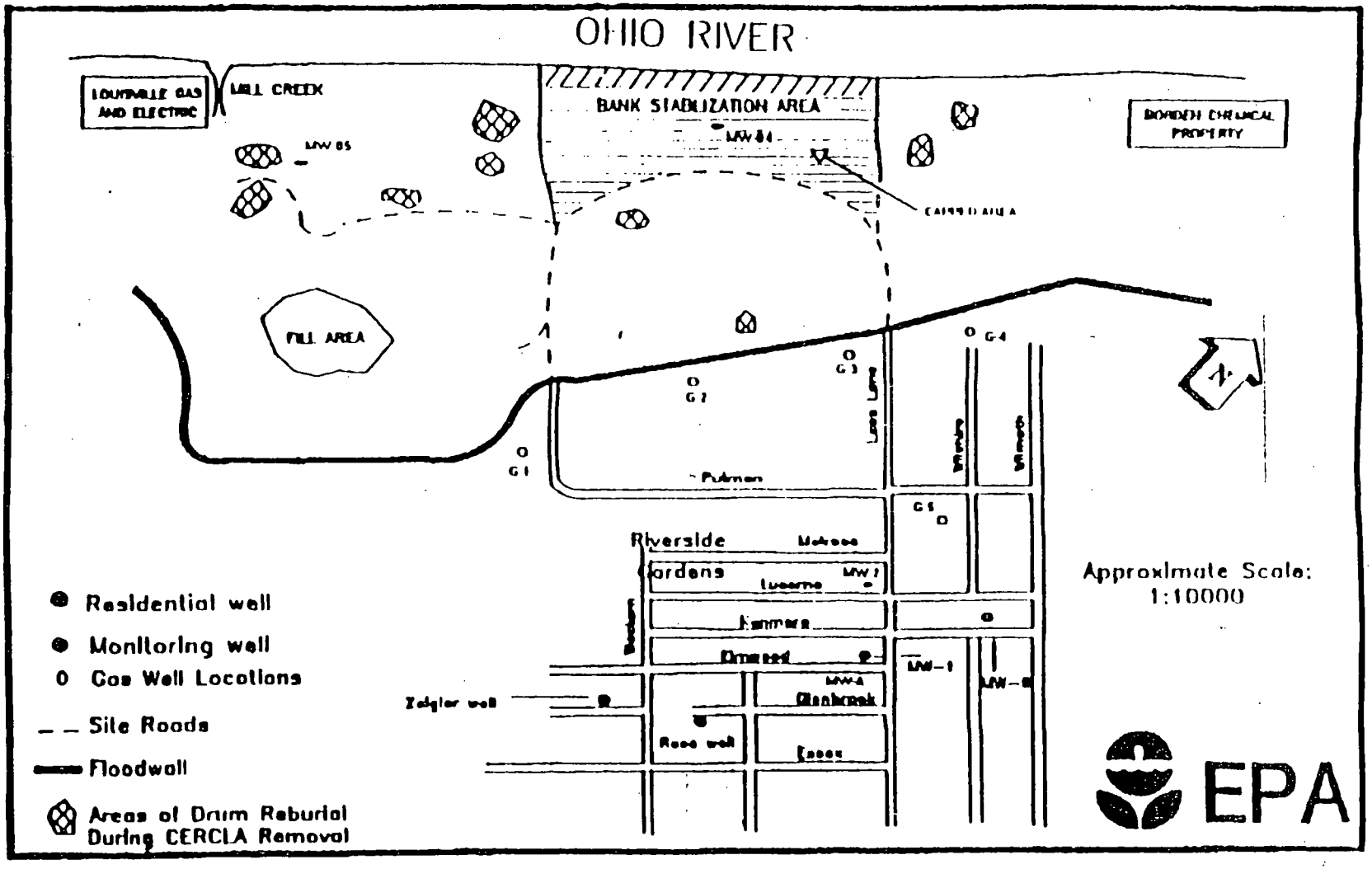
* If yes, assign a comment no. in the last column and follow instructions on comment sheet.

REPORT OF FIELD OBSERVATION
LEE'S LANE LANDFILL ~~SITE,~~ LOUISVILLE, KENTUCKY

Observation Report No.__________ Date of Observation__/__/__

Site Map

Signature of Observer: \[signature\] Date: 7/24/01



WESTON SPER Region IV TAT

SITE: Lees Lane Landfill Well Sampling

ACTIVITY DESCRIPTION: Map of site showing well locations

TDD NO.: 04-8808-26

DATE: 26 August 1988

Figure 4.2-1